

## HCoV-229E Spike S1 Monoclonal Antibody

**CAB22605**

### Description

---

This HCoV-229E Spike S1 Monoclonal Antibody is supplied as a kit for advanced applications. The kit includes Bradford Reagent to quantify total protein concentration for accurate sample normalization (Optional).

### Product Information

---

**SKU:** CAB22605  
**Contents:** 20 µL, 100 µL  
Bradford Reagent: 1 vial (2ml)  
**Category:** Monoclonal Antibody  
**Synonyms:** -  
**Clone:** ARC57845  
**Applications:** WB ELISA  
**Conjugation:** Unconjugated  
**Reactivity:** HCoV-229E

### Antibody Data

---

**Gene ID:** 918758  
**Uniprot:** -  
**Host Species:** Rabbit  
**Purification:** Affinity purification  
**Observed MW:** 160kDa (Recombinant Protein)  
**Calculated MW:** 129kDa

## Preparation & Storage

---

**Storage:** Store at -20°C. Avoid freeze / thaw cycles. Buffer: PBS containing 50% glycerol and 0.05% BSA, preserved with proclin300 or sodium azide (as specified on the Certificate of Analysis), pH 7.3.

Store Bradford Reagent at Room Temperature for 1 Year.

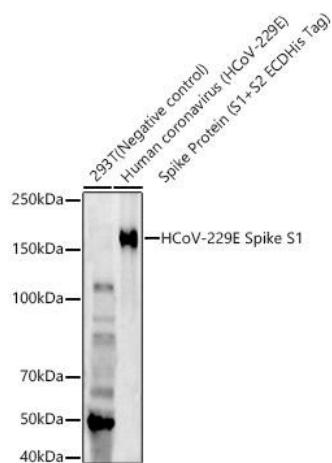
**Positive Sample:** Recombinant Human coronavirus (HCoV-229E) Spike Protein (S1+S2 ECDHis Tag)

<b>Recommended Dilutions:</b>	WB	1:500 - 1:1000
	<b>ELISA</b>	Recommended starting concentration is 1 µg/mL. Please optimize the concentration based on your specific assay requirements.

**Protein Quantification (Optional):** To quantify total protein levels, use the Bradford Reagent included in this kit. Visit <https://www.assaygenie.com/bradford-protein-assay-protocol/> to view the full protocol

## Validation Data

---



Western blot analysis of various lysates, using HCoV-229E Spike Rabbit mAb (CAB22605) at 1:800 dilution. Secondary antibody: HRP-conjugated Goat anti-Rabbit IgG (H+L) (CABS014) at 1:10000 dilution. Lysates/proteins: 25µg per lane. Blocking buffer: 3% nonfat dry milk in TBST. Detection: ECL Enhanced Kit (AbGn00021). Negative control (NC): 293T. Exposure time: 180s.